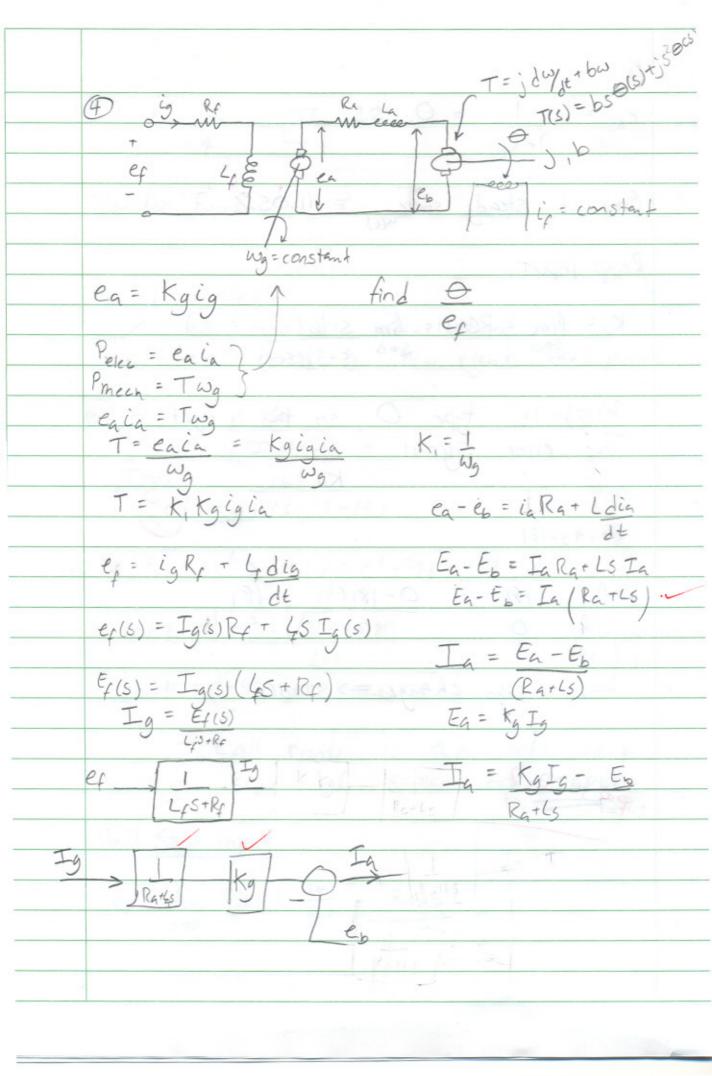
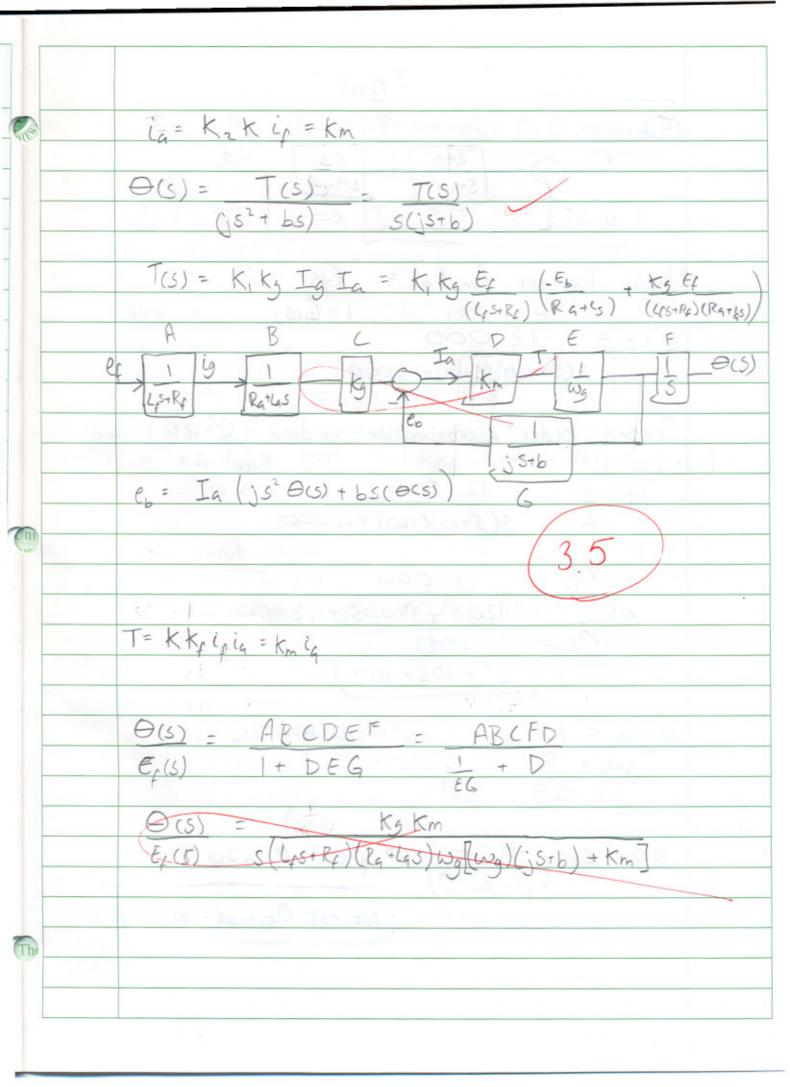
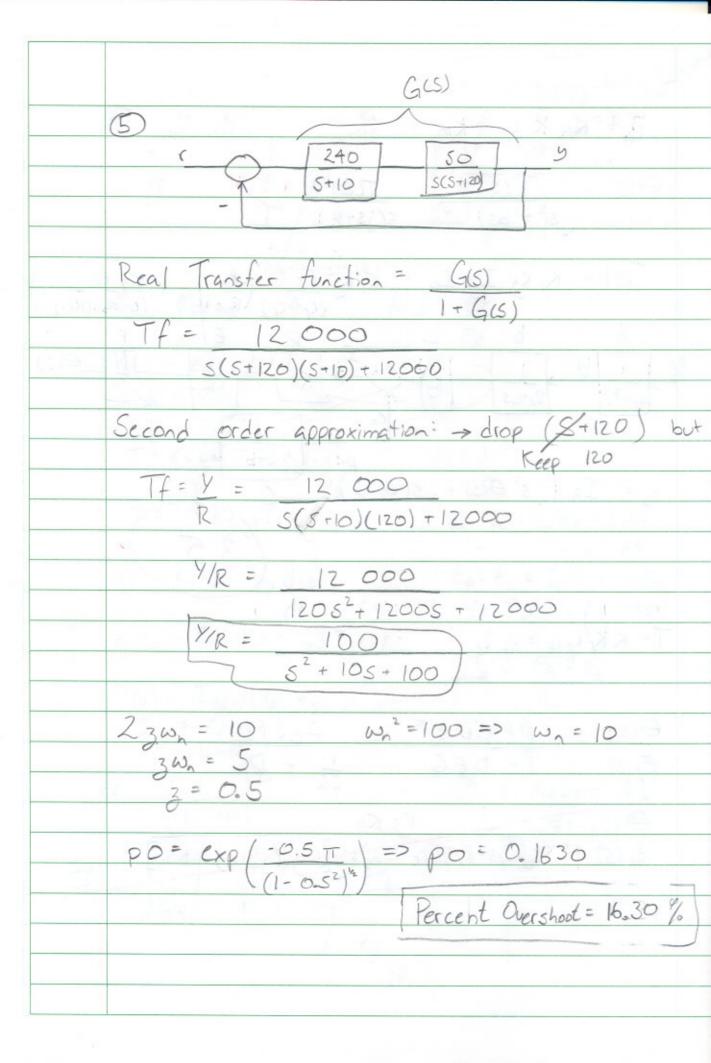


CSS = 1 = 0.1105 Error at steady state = 11.05% Ramp Input. Kv= lim 5 P(s) = lim 5 161 = 0 P(s) is type O, so this is right. The error signal = 1 = 00. 52+95+181 -no sign changes => STABLE







$$T_{S} = \frac{4}{3} \quad (S=2\%) \Rightarrow T_{S} = 0.8 \text{ secondo}$$

$$T_{P} = T \Rightarrow T_{P} = 0.3628 \text{ secondo}$$

$$W_{N}(1-3^{2})^{\frac{1}{2}}$$

$$Step | N_{P}U^{\frac{1}{2}} = 0.3628 \text{ secondo}$$

$$K_{P} = \lim_{S \to \infty} G(S) = \frac{12000}{(S+10)S(120)} = \infty$$

$$G(S) = \frac{1}{1+\infty} = 0 \quad (type T \Rightarrow so this is right)$$

$$K_{N} = \lim_{S \to \infty} SG(S) = \frac{12000}{(S+10)S(120)} = \frac{12000}{1200} = \frac{10}{1200}$$

$$C_{SS} = \frac{1}{1+\infty} = 0 \quad (S+10)S(120) \quad T_{200}$$